

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,774,098 B2
APPLICATION NO. : 10/597933
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INVENTOR(S) : Takenaka et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 79, Line 41, in Claim 3, after "correction," delete "the" and insert -- an --

In Column 79, Line 54, in Claim 3, after "value of" delete "an" and insert -- the --

In Column 81, Line 19, in Claim 5, after "correction," delete "the" and insert -- an --

In Column 81, Line 19, in Claim 5, after "after" delete "an" and insert -- the --

In Column 83, Line 19, in Claim 7, after "between" delete "an" and insert -- the --

In Column 83, Line 21, in Claim 7, after "and" delete "an" and insert -- the --

In Column 84, Line 55, in Claim 10, after "value of" delete "an" and insert -- the --

In Column 87, Line 52, in Claim 12, after "between" delete "an" and insert -- the --

In Column 87, Line 54, in Claim 12, after "and" delete "an" and insert -- the --

In Column 88, Line 34, in Claim 15, after "robot and" delete "the" and insert -- a --

In Column 88, Line 35, in Claim 15, before "translational" delete "the" and insert -- a --

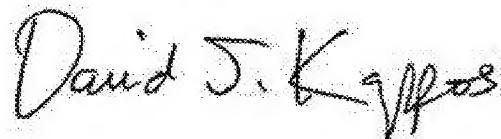
In Column 89, Line 59, in Claim 15, after "between" delete "an" and insert -- the --

In Column 90, Line 41, in Claim 17, after "and" delete "a"

In Column 91, Line 7, in Claim 17, after "after" delete "an" and insert -- the --

In Column 91, Line 17, in Claim 17, delete "floor reaction force" and insert -- ZMP --

Signed and Sealed this
Eighth Day of February, 2011



David J. Kappos
Director of the United States Patent and Trademark Office

CERTIFICATE OF CORRECTION (continued)
U.S. Pat. No. 7,774,098 B2

Page 2 of 2

In Column 92, Line 31, in Claim 18, after "by" insert -- the --

In Column 92, Line 49, in Claim 18, before "ZMP" delete "a" and insert -- the --

In Column 93, Line 6, in Claim 18, after "and" delete "an" and insert -- the --

In Column 93, Line 8, in Claim 18, after "after" delete "an" and insert -- the --

In Column 93, Line 49, in Claim 20, after "and" delete "a"